

# Port Industries of Corpus Christi Industrial Desal Update

8 September 2015

*PORT INDUSTRIES  
OF CORPUS CHRISTI*



# Why Interest in Industrial Desal?

- Period of prolonged drought and increased economic activity...
  - Concern that available water supply was impacting competitiveness of region in attracting new industry and expansions
  - Desire to reduce risk of water rationing or curtailment to operations
  - Interest in diversifying and strengthening the region's water supply

# Industrial Desal Study Partners

- Corpus Christi Regional EDC
- City of Corpus Christi
- San Patricio MWD
- Port of Corpus Christi
- Chemours
- Cheniere Energy
- CITGO Refining & Chemicals
- Flint Hills Resources
- Lyondell-Basell
- OxyChem
- Sherwin Alumina
- Valero
- voestalpine Texas
- AEP Texas
- Talen Energy

# Industrial Desal Concept

- Construct plant for industrial consumption
  - Capacity 10-30 MGD of non-potable water
- Customers would subscribe for output with long-term “take or pay” contracts
- Water not subject to water rationing
  - The water would be “owned” by the company paying for it
- Water exchange or “water bank” concept
  - To enable geographically distant customers to participate in project and benefit from reliability of desal production

# Industrial Desal Scoping Study

- Independent assessment of feasibility and cost
- Stakeholders working in partnership
- Explores economics of developing an industrial desal plant in the region
- Examines major plant development issues
  - Size, location, permitting, etc.
- Major outputs
  - Preliminary design basis for a facility
  - Estimate of the “delivered” cost of water
- Necessary first step for the potential customers/subscribers to determine interest in participating in project

# Industrial Desal Study Milestones

- ~~Letter of Intent~~ (Nov 2014)
- ~~Consultant Selection~~ (Jan 2015)
- ~~Scope of Work Refinement~~ (Mar 2015)
- ~~Data Collection and Background Investigation~~ (Jun 2015)
- ~~Project Assumptions Memorandum~~ (Aug 2015)
- Project Profiles (Sep-Oct 2015)
- Project Definition Package (Nov-Dec 2015)
- Participant “Go - NoGo” Decision Period (starts Jan 2016)

Thank you!